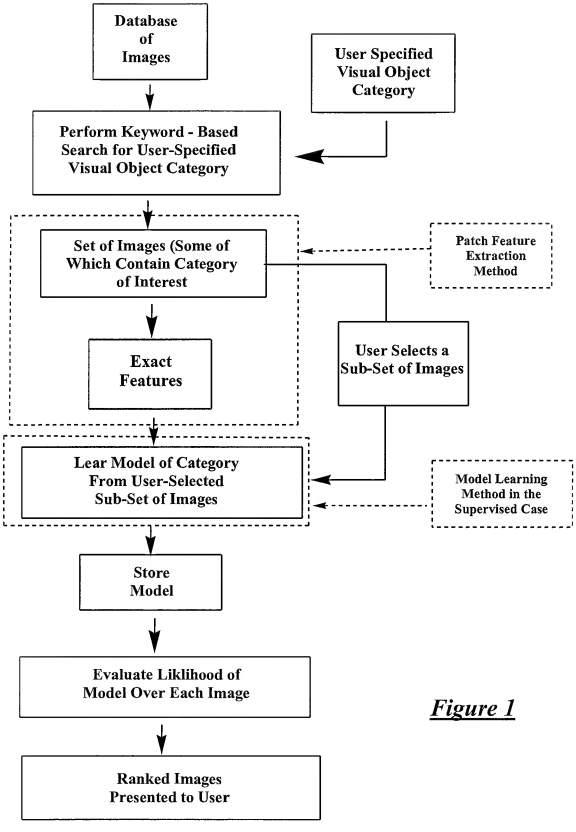
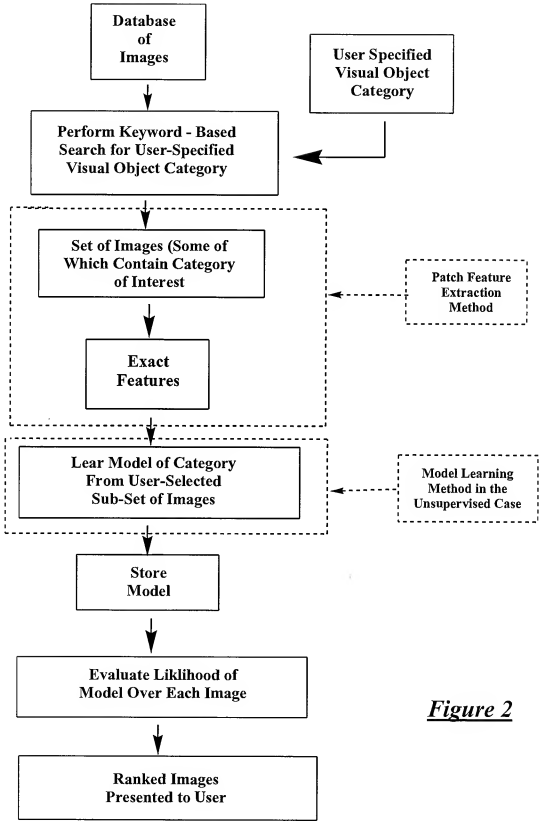

Database of Images
User Specified Visual Object Category
Perform Keyword - Based Search for User-Specified Visual Object Category
Set of Images (Some of Which Contain Category of Interest
Patch Feature Extraction Method
Exact Features
User Selects a Sub-Set of Images
Lear Model of Category From User-Selected Sub-Set of Images
Model Learning Method in the Supervised Case
Store Model
Evaluate Liklihood of Model Over Each Image
Ranked Images Presented to User

Figure 1


Database of Images
User Specified Visual Object Category
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Patch Feature Extraction Method
Exact Features
Lear Model of Category From User-Selected Sub-Set of Images
Model Learning Method in the Unsupervised Case
Store Model
Evaluate Liklihood of Model Over Each Image
Ranked Images Presented to User

Figure 2